

ABSTRACT OF THE DISCLOSURE

A forging alloy for manufacturing a golf club head is a stainless steel alloy including carbon 0.08-0.16 wt%, silicon < 0.8 wt%, manganese < 1.0 wt%, chromium 11.5-17.0 wt%, with the remaining portion being iron. When
5 the forging temperature of the stainless steel alloy is below a transition temperature of a delta ferrite phase thereof, the stainless steel alloy can be subjected to warm forging in a smooth manner at a temperature of 720-960 °C and an operational force of 580-860 ton. Thus, a highly rust-resisting and highly wear-resistant golf club head can be manufactured.